

28 March 1969

ELINT Evaluation Working Group (EEWG)

Narrative Description of Program

The program developed under this project name title is a sophisticated complex iterative procedure for determining the optimum allocation of many separate resources among many different tasks. The first application of the program was in support of the USIB sponsored EEWG study relating to the relative evaluation of Elint collectors. Because of the existence of a large variety of optimum resource allocation problems, the program with minor modifications will be used extensively and continuously now and in the foreseeable future. Current capability of the program includes simultaneous optimum allocation of some [REDACTED] collectors against some [REDACTED] tasks. The program includes [REDACTED] machine inputting as well as diagnostic outputs. Running time is about [REDACTED] time to reach an adequately converged solution. Core storage requirements are the order [REDACTED] depending on the size of the specific problem.

(I propose renaming this program to be ORAP, Optimum Resource Allocation Program).

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[REDACTED]
ASA/D/DCI/NIPE